

SEQUENCE TABLE

Sequence number : 1

Sequence length : 21

Sequence type : PRT

Other information : SP of HLA-E

Sequence

Met Val Asp Gly Thr Leu Leu Leu Leu Ser Glu Ala Leu Ala  
Leu Thr Gln Thr Trp Ala

Sequence number : 2

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain of HLA-E

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 3

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain of HLA-E

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala

Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Ser Asn Asp Ala  
Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val  
Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu  
His Leu

Sequence number : 4

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain of HLA-E

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 5

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain of HLA-E

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser  
His Ser Leu \*

Sequence number : 6

Sequence length : 63

Sequence type : DNA

Other information : SP of HLA-E

Sequence

atggtagatg gaaccctcct tttactcctc tcggaggccc tggccttac ccagacctgg	60
gcg	

Sequence number : 7

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain of HLA-E

Sequence

ggctccact cttgaagta ttccacact tccgtgtccc ggcccgccg cggggagccc	60
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgcttcga caacgacgcc	120
gcgagtcga ggatggtgcc gcgggcgcg tggatggagc aggaggggtc agagtattgg	180
gaccggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg	240
ctgcgcggct actacaatca gagcgaggcc	

Sequence number : 8

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain of HLA-E

Sequence

gggtctcaca ccctgcagtg gatgcattgc tgcgagctgg ggccgcacag gcgcctcctc	60
cgcgggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacgt	120
cgctctgga ccgcggtgga cacggcgct cagatctccg agcaaaagtc aaatgtatgcc	180
tctgaggcgg agcaccagag agcctacctg gaagacacat gcgtggagtg gctccacaaa	240
tacctggaga agggaaagga gacgctgctt cacctg	

Sequence number : 9

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain of HLA-E

Sequence

gagcccca	agacacacgt	gactcaccac	cccatctctg	accatgaggc	caccctgagg	60
tgctggccc	tggcattcta	ccctgcggag	atcacactga	cctggcagca	ggatggggag	120
ggccataccc	aggacacgga	gctcgtggag	accaggcctg	cagggatgg	aacctccag	180
aagtggcag	ctgtggtgtt	gccttctgga	gaggagcaga	gatacacgtg	ccatgtgcag	240
catgaggggc	tacccgagcc	cgtcaccctg	agatgg			

Sequence number : 10

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain of HLA-E

Sequence

aagccggctt	cccagccac	catccccatc	gtggcata	ttgctggcct	ggtttcctt	60
ggatctgtgg	tctctggagc	tgtggttgt	gctgtgatat	ggaggaagaa	gagctcaggt	120
ggaaaaggag	ggagctactc	taaggctgag	tggagcgaca	gtgccaggg	gtctgagtc	180
cacagcttgt	aa					

Sequence number : 11

Sequence length : 24

Sequence type : PRT

Other information : SP of HLA-G1

Sequence

Met Val Val Met Ala Pro Arg Thr Leu Phe Leu Leu Leu Ser Gly  
Ala Leu Thr Leu Thr Glu Thr Trp Ala

Sequence number : 12

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain of HLA-G1

Sequence

Gly Ser His Ser Met Arg Tyr Phe Ser Ala Ala Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ala Met Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Ser Asp Ser Ala Cys Pro Arg Met  
Glu Pro Arg Ala Pro Trp Val Glu Gln Glu Gly Pro Glu Tyr Trp  
Glu Glu Glu Thr Arg Asn Thr Lys Ala His Ala Gln Thr Asp Arg  
Met Asn Leu Gln Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 13

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain of HLA-G1

Sequence

Ser Ser His Thr Leu Gln Trp Met Ile Gly Cys Asp Leu Gly Ser  
Asp Gly Arg Leu Leu Arg Gly Tyr Glu Gln Tyr Ala Tyr Asp Gly  
Lys Asp Tyr Leu Ala Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Ala Asp Thr Ala Ala Gln Ile Ser Lys Arg Lys Cys Glu Ala Ala  
Asn Val Ala Glu Gln Arg Arg Ala Tyr Leu Glu Gly Thr Cys Val  
Glu Trp Leu His Arg Tyr Leu Glu Asn Gly Lys Glu Met Leu Gln  
Arg Ala

Sequence number : 14

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain of HLA-G1

Sequence

Asp Pro Pro Lys Thr His Val Thr His His Pro Val Phe Asp Tyr  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu

Ile Ile Leu Thr Trp Gln Arg Asp Gly Glu Asp Gln Thr Gln Asp  
Val Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Leu Met Leu  
Arg Trp

Sequence number : 15

Sequence length : 40

Sequence type : PRT

Other information : Transmembrane domain of HLA-G1

Sequence

Lys Gln Ser Ser Leu Pro Thr Ile Pro Ile Met Gly Ile Val Ala  
Gly Leu Val Val Leu Ala Ala Val Val Thr Gly Ala Ala Val Ala  
Ala Val Leu Trp Arg Lys Lys Ser Ser Asp \*

Sequence number : 16

Sequence length : 72

Sequence type : DNA

Other information : SP of HLA-G1

Sequence

atggtgttca tggcgcccg aaccctcttc ctgctgctct cggggggccct gaccctgacc 60  
gagacacctggg cg

Sequence number : 17

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain of HLA-G1

Sequence

ggctcccaact ccatgaggta tttcagcgcc gccgtgtccc ggcccgccg cggggagccc 60  
cgcttcatcg ccatgggcta cgtggacgac acgcagttcg tgccggttcga cagcgcactcg 120

gcgtgtccga ggatggagcc gcgggcgcgg tgggtggagc aggaggggcc agagtattgg 180  
gaagaggaga cacggaacac caaggcccac gcacagactg acagaatgaa cctgcagacc 240  
ctgcgcgct actacaacca gagcgaggcc

Sequence number : 18

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain of HLA-G1

Sequence

agttctcaca ccctccagtg gatgattggc tgcgacctgg ggtccgacgg tcgcctcctc 60  
cgcggtatg aacagtatgc ctacgatggc aaggattacc tcgcctgaa cgaggacctg 120  
cgctcctgga ccgcagcgga cactgcggct cagatctcca agcgcaagtg tgaggcggcc 180  
aatgtggctg aacaaaggag agcctacctg gagggcacgt gcgtggagtg gctccacaga 240  
tacctggaga acggaaagga gatgctgcag cgcgcg

Sequence number : 19

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain of HLA-G1

Sequence

gaccggccca agacacacgt gacccaccac cctgtcttg actatgagggc caccctgagg 60  
tgctgggccc tgggcttcta ccctgcggag atcatactga cctggcagcg ggtatggggag 120  
gaccagaccc aggacgtgga gctcgtggag accaggcctg cagggatgg aaccttccag 180  
aagtgggcag ctgtggtggt gccttctgga gaggagcaga gatacacgtg ccatgtgcag 240  
catgaggggc tgccggagcc cctcatgctg agatgg

Sequence number : 20

Sequence length : 123

Sequence type : DNA

Other information : Transmembrane domain of HLA-G1

Sequence

aagcagtctt ccctgcccac catccccatc atgggtatcg ttgctggcct ggttgcctt	60
gcagctgttag tcactggagc tgccgtcgct gctgtgtgt ggagaaaagaa gagctcagat	120
tga	

Sequence number : 21

Sequence length : 24

Sequence type : PRT

Other information : Reformed SP

Sequence

Met Ala Val Met Ala Pro Arg Thr Leu Val Leu Leu Leu Ser Gly  
Ala Leu Thr Leu Thr Glu Thr Trp Ala

Sequence number : 22

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 23

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Ser Ser His Thr Leu Gln Trp Met Ile Gly Cys Asp Leu Gly Ser  
Asp Gly Arg Leu Leu Arg Gly Tyr Glu Gln Tyr Ala Tyr Asp Gly  
Lys Asp Tyr Leu Ala Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Ala Asp Thr Ala Ala Gln Ile Ser Lys Arg Lys Cys Glu Ala Ala  
Asn Val Ala Glu Gln Arg Arg Ala Tyr Leu Glu Gly Thr Cys Val  
Glu Trp Leu His Arg Tyr Leu Glu Asn Gly Lys Glu Met Leu Gln  
Arg Ala

Sequence number : 24

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 25

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser

His Ser Leu \*

Sequence number : 26

Sequence length : 72

Sequence type : DNA

Other information : Reformed SP

Sequence

atggcggtca tggcgccccg aaccctcg tcgtctactct cggggggcct gaccctgacc	60
gagacacctggg cg	

Sequence number : 27

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain

Sequence

ggctcccact ctttgaagta tttccacact tccgtgtccc ggcccgccg cggggagccc	60
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgttcga caacgacgcc	120
gcgagtcga ggtatggtgc gcgggcgcg tggatggagc aggaggggtc agagtattgg	180
gaccgggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg	240
ctgcgcggct actacaatca gagcgaggcc	

Sequence number : 28

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain

Sequence

<u>agttctcaca ccctccagtg gatgattggc tgcgacactgg ggtccgacgg tcgcctcctc</u>	60
<u>cgcggtatg aacagtatgc ctacgtggc aaggattacc tgcgcctgaa cgaggacctg</u>	120
<u>cgctcctgga ccgcagcggc cactgcggct cagatctcca agcgcaagtg tgaggcggcc</u>	180
<u>aatgtggctg aacaaaggag agcctacctg gagggcacgt gcgtggagtg gctccacaga</u>	240

tacctggaga acggaaagga gatgctgcag cgcgcg

Sequence number : 29

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain

Sequence

gagcccccaa agacacacgt gactcacccac cccatctctg accatgaggc caccctgagg	60
tgctgggccc tgggcttcta ccctgcggag atcacactga cctggcagca ggatggggag	120
ggccataccc aggacacgga gctcgtggag accaggcctg cagggatgg aacccttccag	180
aagtggcag ctgtggtggt gccttctgga gaggagcaga gatacacgtg ccatgtgcag	240
catgaggggc tacccgagcc cgtcaccctg agatgg	

Sequence number : 30

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggctt cccagccac catccccatc gtggcatca ttgctggcct ggtttcctt	60
ggatctgtgg tctctggagc tgtggttgct gctgtgatat ggaggaagaa gagctcaggt	120
ggaaaaggag ggagctactc taaggctgag tggagcgaca gtgcccaggg gtctgagtt	180
cacagcttgt aa	

Sequence number : 31

Sequence length : 24

Sequence type : PRT

Other information : Reformed SP

Sequence

Met Ala Val Met Ala Pro Arg Thr Leu Val Leu Leu Leu Ser Gly  
Ala Leu Thr Leu Thr Glu Thr Trp Ala

Sequence number : 32

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 33

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Val Asp Thr Ala Ala Gln Ile Ser Lys Arg Lys Cys Glu Ala Ala  
Asn Val Ala Glu Gln Arg Arg Ala Tyr Leu Glu Gly Thr Cys Val  
Glu Trp Leu His Arg Tyr Leu Glu Asn Gly Lys Glu Met Leu Gln  
Arg Ala

Sequence number : 34

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 35

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser  
His Ser Leu \*

Sequence number : 36

Sequence length : 72

Sequence type : DNA

Other information : Reformed SP

Sequence

atggcggtca tggcgcccg aaccctcgtc ctgctactct cggggggccct gaccctgacc 60  
gagacacctggg cg

Sequence number : 37

Sequence length : 270

Sequence type : DNA  
 Other information :  $\alpha$ 1 domain  
 Sequence

ggctccact cttgaagta tttcacact tccgtgtccc ggcccgccg cggggagccc	60
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgttcga caacgacgcc	120
gcgagtccga ggatggtgcc gcgggcgcg tggatggagc aggaggggtc agagtattgg	180
gaccgggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg	240
ctgcgcggct actacaatca gagcgaggcc	

Sequence number : 38  
 Sequence length : 276  
 Sequence type : DNA  
 Other information :  $\alpha$ 2 domain  
 Sequence

gggtctcaca ccctgcagtgt gatgcattgc tgcgagctgg ggccgcacag gcgttcctc	60
cgcgggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacctg	120
cgctctgga ccgcggtgga <u>cactgcgct cagatctcca</u> agcgcaagtg tgaggcggcc	180
<u>aatgtggctg aacaaaggag agcctacgt gaggcacgt</u> <u>gcgtggagtg gctccacaga</u>	240
<u>tacctggaga acggaagga gatgctgcag cgcgcg</u>	

Sequence number : 39  
 Sequence length : 276  
 Sequence type : DNA  
 Other information :  $\alpha$ 3 domain  
 Sequence

gagcccccaa agacacacgt gactcaccac cccatctctg accatgaggc caccctgagg	60
tgctggccccc tgggcttcta ccctgcggag atcacactga cctggcagca ggatggggag	120
ggccataccc aggacacgga gctcgtggag accaggcctg cagggatgg aaccttccag	180
aagtggcag ctgtggtggt gcctctgga gaggagcaga gatacacgtg ccatgtgcag	240
catgaggggc taccgagcc cgtcaccctg agatgg	

Sequence number : 40

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggctt cccagccac catccccatc gtgggcata ttgctggcct ggttccctt	60
ggatctgtgg tctctggagc tgtggttgt gctgtgatat ggaggaagaa gagctcaggt	120
ggaaaaggag ggagctactc taaggctgag tggagcgcaca gtgccaggg gtctgagtc	180
cacagcttgt aa	

Sequence number : 41

Sequence length : 24

Sequence type : PRT

Other information : Reformed SP

Sequence

Met Ala Val Met Ala Pro Arg Thr Leu Val Leu Leu Leu Ser Gly  
Ala Leu Thr Leu Thr Glu Thr Trp Ala

Sequence number : 42

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 43

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Val Asp Thr Ala Ala Gln Ile Ser Lys Arg Lys Cys Glu Ala Ala  
Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val  
Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu  
His Leu

Sequence number : 44

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 45

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser  
His Ser Leu \*

Sequence number : 46

Sequence length : 72

Sequence type : DNA

Other information : Reformed SP

Sequence

atggcggtca tggcgccccg aaccctcgctc ctgctactct cggggggccct gaccctgacc 60  
gagacacctggg cg

Sequence number : 47

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain

Sequence

ggctcccaact ctttgaagta tttccacact tccgtgtccc ggcccgccg cggggagccc 60  
cgcttcatct ctgtgggctta cgtggacgac acccagttcg tgcgcattcgca caacgacgccc 120  
gcgagtcgaa ggatgggtgcc gcgggcccgg tggatggagc aggaggggtc agagtattgg 180  
gaccgggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg 240  
ctgcgcggct actacaatca gagcgaggcc

Sequence number : 48

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain

Sequence

gggtctcaca ccctgcagtg gatgcatggc tgcgagctgg gcccgacag gcgttcctc	60
cgcgggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacctg	120
cgctctgga <u>ccgcggtgga</u> <u>cactgcggct</u> <u>cagatctcca</u> <u>agcgcaagtg</u> <u>tgaggcggcc</u>	180
tctgaggcgg agcaccagag agcctacctg gaagacacat gcgtggagtg gctccacaaa	240
tacctggaga agggaaagga gacgctgctt cacctg	

Sequence number : 49

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain

Sequence

gagcccca a gacacacgt gactcaccac cccatctctg accatgaggc caccctgagg	60
tgctggccc tgggctcta ccctgcggag atcacactga cctggcagca ggatggggag	120
ggccataccc aggacacgga gctcgtggag accaggctg cagggatgg aacttccag	180
aagtggcag ctgtggtggt gcctctgga gaggagcaga gatacacgtg ccatgtgcag	240
catgaggggc tacccgagcc cgtcaccctg agatgg	

Sequence number : 50

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggctt cccagccac catccccatc gtggcatca ttgctggcct gtttcctt	60
ggatctgtgg tctctggagc tgtggttgct gctgtgatat ggaggaagaa gagctcaggt	120
ggaaaaggag ggagctactc taaggctgag tggagcgcaca gtgccaggg gtctgagtt	180
cacagcttgt aa	

Sequence number : 51

Sequence length : 21

Sequence type : PRT

Other information : SP of HLA-E

Sequence

Met Val Asp Gly Thr Leu Leu Leu Leu Ser Glu Ala Leu Ala  
Leu Thr Gln Thr Trp Ala

Sequence number : 52

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 53

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Cys Asn Asp Ala  
Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val  
Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu

His Leu

Sequence number : 54

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 55

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser  
His Ser Leu \*

Sequence number : 56

Sequence length : 63

Sequence type : DNA

Other information : SP of HLA-E

Sequence

atggtagatg gaaccctcct tttactcctc tcggaggccc tggccttac ccagacctgg 60  
gcg

Sequence number : 57

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain

Sequence

ggctccact ctttgaagta tttccacact tccgtgtccc ggcccgccg cggggagccc 60  
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgcttcga caacgacgcc 120  
gcgagtccga ggatggtgcc gcgggcgcg tggatggagc aggaggggtc agagtattgg 180  
gaccgggaga cacggagcgc cagggacacc gcacagatt tccgagtgaa tctgcggacg 240  
ctgcgcgct actacaatca gagcgaggcc

Sequence number : 58

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain

Sequence

gggtctcaca ccctgcagtg gatgcatggc tgcgagctgg ggcccgacag gcgccttcctc 60  
cgcggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacctg 120  
cgctcctgga ccgcggtgga cacggcggtc cagatctccg agcaaaagtg taattgatgcc 180  
tctgaggcgg agcaccagag agectacctg gaagacacat gcgtggagtg gctccacaaa 240  
tacctggaga agggaaagga gacgctgctt cacctg

Sequence number : 59

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain

Sequence

gagcccccaa agacacacgt gactcaccac cccatctctg accatgaggc caccctgagg	60
tgctgggccc tgggcttcta ccctgcggag atcacactga cctggcagca ggatggggag	120
ggccataccc aggacacgga gctcgtggag accaggcctg cagggatgg aaccttccag	180
aagtggcag ctgtggtggt gccttctgga gaggagcaga gatacacgtg ccatgtgcag	240
catgaggggc tacccgagcc cgtcaccctg agatgg	

Sequence number : 60

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggctt cccagccac catccccatc gtggcatca ttgctggcct ggttctcctt	60
ggatctgtgg tctctggagc tgtggttgct gctgtgatat ggaggaagaa gagctcaggt	120
ggaaaaggag ggagctactc taaggctgag tggagcgcaca gtgccaggg gtctgagtc	180
cacagcttgt aa	

Sequence number : 61

Sequence length : 24

Sequence type : PRT

Other information : Reformed SP

Sequence

Met Ala Val Met Ala Pro Arg Thr Leu Val Leu Leu Leu Ser Gly  
Ala Leu Thr Leu Thr Glu Thr Trp Ala

Sequence number : 62

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ser Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 63

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Cys Asn Asp Ala  
Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val  
Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu  
His Leu

Sequence number : 64

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Pro Ser Gly Glu Glu Gln Arg Tyr

Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 65

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser  
His Ser Leu \*

Sequence number : 66

Sequence length : 72

Sequence type : DNA

Other information : Reformed SP

Sequence

atggcggtca tggcgcccg aaccctcgtc ctgctactct cggggggccct gaccctgacc 60  
gagacctggg cg

Sequence number : 67

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain

Sequence

ggctcccaact ctttgaagta tttccacact tccgtgtccc ggcccgcccg cggggagccc 60  
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgcattcgca caacgacgccc 120  
gcgagtcgca ggatggtgcc gcggggcccg tggatggagc aggaggggtc agagtattgg 180

gaccgggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg 240  
ctgcgcggct actacaatca gagcgaggcc

Sequence number : 68

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain

Sequence

gggtctcaca ccctgcagtg gatgcattgc tgcgagctgg ggcccgacag gcgccttcctc 60  
cgcggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacctg 120  
cgctcttgaa ccgcggtgga cacggcggtc cagatctccg agcaaaagtg taatgatgcc 180  
tctgaggcgg agcaccagag agcctacctg gaagacacat gcgtggagtg gctccacaaa 240  
tacctggaga aggggaagga gacgctgctt cacctg

Sequence number : 69

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain

Sequence

gagcccccaa agacacacgt gactcaccac cccatctctg accatgaggc caccctgagg 60  
tgctgggccc tgggcttcta ccctgcggag atcacactga cctggcagca ggatggggag 120  
ggccataccc aggacacgga gctcgtggag accaggcctg cagggatgg aaccttccag 180  
aagtggcag ctgtggtggt gccttctgga gaggagcaga gatacacgtg ccatgtcag 240  
catgaggggc tacccgagcc cgtcaccctg agatgg

Sequence number : 70

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggctt cccagccac catccccatc gtggcatca ttgctggcct ggttctcctt 60  
ggatctgtgg tctctggagc tgtggttgct gctgtgatat ggaggaagaa gagctcaggt 120  
ggaaaaggag ggagctactc taaggctgag tggagcgaca gtgccaggg gtctgagtc 180  
cacagcttgt aa

Sequence number : 71

Sequence length : 21

Sequence type : PRT

Other information : SP of HLA-E

Sequence

Met Val Asp Gly Thr Leu Leu Leu Leu Ser Glu Ala Leu Ala  
Leu Thr Gln Thr Trp Ala

Sequence number : 72

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ala Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 73

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Cys Asn Asp Ala  
Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val  
Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu  
His Leu

Sequence number : 74

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 75

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser

His Ser Leu \*

Sequence number : 76

Sequence length : 63

Sequence type : DNA

Other information : SP of HLA-E

Sequence

atggtagatg gaaccctcct tttactcctc tggaggccc tggccttac ccagacctgg 60  
gcgc

Sequence number : 77

Sequence length : 270

Sequence type : DNA

Other information :  $\alpha$ 1 domain

Sequence

ggctccact cttgaagta tttccacact gccgtgtccc ggccggccg cggggagccc 60  
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgcttcga caacgacgcc 120  
gcgagtccga ggatggtgcc gcgggcgccg tggatggagc aggaggggtc agagtattgg 180  
gaccgggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg 240  
ctgcgcggct actacaatca gagcgaggcc

Sequence number : 78

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 2 domain

Sequence

gggtctcaca ccctgcagtg gatgcattggc tgcgagctgg ggccgcacag gcgttcctc 60  
cgcggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacctg 120  
cgctcctgga ccgcgggtgga cacggcgct cagatctcg agcaaaagtg taatgatgcc 180  
tctgaggcgg agcaccagag agcctacctg gaagacacat gcgtggagtg gctccacaaa 240

tacctggaga agggaaagga gacgctgctt cacctg

Sequence number : 79

Sequence length : 276

Sequence type : DNA

Other information :  $\alpha$ 3 domain

Sequence

gagccccc aa	agacacacgt gactcaccc ac	ccatctctg accatgaggc accc	tgagg 60
tgctggcc	ccctggggag atcacactga cctggcagca ggatggggag	120	
ggccatacc	aggacacgga gctcgtggag accaggctg cagggatgg aac	180	
aagtggcag	ctgtggtggt gccttctgga gaggagcaga gatacacgtg ccatgtgcag	240	
catgagggc	tacccgagcc cgtcaccctg agatgg		

Sequence number : 80

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggc tt	cccagccac catccccatc gtggcatca ttgctggc	gttctc 60
ggatctgtgg	tctctggagc tgtggttgct gctgtgatat ggaggaagaa gagctcagg	120
ggaaaaggag	ggagctactc taaggctgag tggagcgaca gtgccagg	180
cacagctt	gtctgagtc aa	

Sequence number : 81

Sequence length : 24

Sequence type : PRT

Other information : Reformed SP

Sequence

Met Ala Val Met Ala Pro Arg Thr Leu Val Leu Leu Leu Ser Gly  
Ala Leu Thr Leu Thr Glu Thr Trp Ala

Sequence number : 82

Sequence length : 90

Sequence type : PRT

Other information :  $\alpha$ 1 domain

Sequence

Gly Ser His Ser Leu Lys Tyr Phe His Thr Ala Val Ser Arg Pro  
Gly Arg Gly Glu Pro Arg Phe Ile Ser Val Gly Tyr Val Asp Asp  
Thr Gln Phe Val Arg Phe Asp Asn Asp Ala Ala Ser Pro Arg Met  
Val Pro Arg Ala Pro Trp Met Glu Gln Glu Gly Ser Glu Tyr Trp  
Asp Arg Glu Thr Arg Ser Ala Arg Asp Thr Ala Gln Ile Phe Arg  
Val Asn Leu Arg Thr Leu Arg Gly Tyr Tyr Asn Gln Ser Glu Ala

Sequence number : 83

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 2 domain

Sequence

Gly Ser His Thr Leu Gln Trp Met His Gly Cys Glu Leu Gly Pro  
Asp Arg Arg Phe Leu Arg Gly Tyr Glu Gln Phe Ala Tyr Asp Gly  
Lys Asp Tyr Leu Thr Leu Asn Glu Asp Leu Arg Ser Trp Thr Ala  
Val Asp Thr Ala Ala Gln Ile Ser Glu Gln Lys Cys Asn Asp Ala  
Ser Glu Ala Glu His Gln Arg Ala Tyr Leu Glu Asp Thr Cys Val  
Glu Trp Leu His Lys Tyr Leu Glu Lys Gly Lys Glu Thr Leu Leu  
His Leu

Sequence number : 84

Sequence length : 92

Sequence type : PRT

Other information :  $\alpha$ 3 domain

Sequence

Glu Pro Pro Lys Thr His Val Thr His His Pro Ile Ser Asp His  
Glu Ala Thr Leu Arg Cys Trp Ala Leu Gly Phe Tyr Pro Ala Glu  
Ile Thr Leu Thr Trp Gln Gln Asp Gly Glu Gly His Thr Gln Asp  
Thr Glu Leu Val Glu Thr Arg Pro Ala Gly Asp Gly Thr Phe Gln  
Lys Trp Ala Ala Val Val Pro Ser Gly Glu Glu Gln Arg Tyr  
Thr Cys His Val Gln His Glu Gly Leu Pro Glu Pro Val Thr Leu  
Arg Trp

Sequence number : 85

Sequence length : 63

Sequence type : PRT

Other information : Transmembrane domain

Sequence

Lys Pro Ala Ser Gln Pro Thr Ile Pro Ile Val Gly Ile Ile Ala  
Gly Leu Val Leu Leu Gly Ser Val Val Ser Gly Ala Val Val Ala  
Ala Val Ile Trp Arg Lys Lys Ser Ser Gly Gly Lys Gly Ser  
Tyr Ser Lys Ala Glu Trp Ser Asp Ser Ala Gln Gly Ser Glu Ser  
His Ser Leu \*

Sequence number : 86

Sequence length : 73

Sequence type : DNA

Other information : Reformed SP

Sequence

atggcggtca tggcgcccg aaccctcgct ctgtctactct cggggggccct gaccctgacc 60  
gagacacctggg cg

Sequence number : 87

Sequence length : 270

Sequence type : DNA  
 Other information :  $\alpha$ 1 domain  
 Sequence

ggctccact cttgaagta ttccacact <u>gccgtgtccc</u> ggccggccg cggggagccc	60
cgcttcatct ctgtgggcta cgtggacgac acccagttcg tgcgttcga caacgacgcc	120
gcgagtccga ggatggtgcc gcgggcgccg tggatggagc aggaggggtc agagtattgg	180
gaccgggaga cacggagcgc cagggacacc gcacagattt tccgagtgaa tctgcggacg	240
ctgcgcggct actacaatca gagcgaggcc	

Sequence number : 88  
 Sequence length : 276  
 Sequence type : DNA  
 Other information :  $\alpha$ 2 domain  
 Sequence

gggtctcaca ccctgcagt gatgcattgc tgcgagctgg ggccgcacag gcgttcctc	60
cgcgggtatg aacagttcgc ctacgacggc aaggattatc tcaccctgaa tgaggacctg	120
cgtctctgga ccgcggtgga cacggcggt cagatctcg agcaaaagt <u>g</u> taatgtatgcc	180
tctgaggcgg agcaccagag agcctacctg gaagacacat gcgtggagtg gctccacaaa	240
tacctggaga aggggaagga gacgctgctt cacctg	

Sequence number : 89  
 Sequence length : 276  
 Sequence type : DNA  
 Other information :  $\alpha$ 3 domain  
 Sequence

gagcccccaa agacacacgt gactcaccac cccatctctg accatgaggc caccctgagg	60
tgctggccccc tggggttcta ccctgcggag atcacactga cctggcagca ggatggggag	120
ggccataaccc aggacacggc gctcgtggag accaggcctg cagggatgg aaccttccag	180
aagtggcag ctgtggtggt gcctctgga gaggagcaga gatacacgtg ccatgtgcag	240
catgaggggc taccggagcc cgtcaccctg agatgg	

Sequence number : 90

Sequence length : 192

Sequence type : DNA

Other information : Transmembrane domain

Sequence

aagccggctt cccagccac catccccatc gtgggcatca ttgctggcct ggttctcctt 60

ggatctgtgg tctctggagc tgtggttgct gctgtgatat ggaggaagaa gagctcaggt 120

ggaaaaggag ggagctactc taaggctgag tggagcgaca gtgcccaggg gtctgagtct 180

cacagcttgt aa